	Technical data sheet <b>Perma-Primer</b>	<b>PRIM-015-01 / 015-05</b>
		<b>Issue date: 17.01.2014</b>
		<b>Valid until:</b>
		<b>Version: 1.1</b>

## 1. Product information

Perma-Primer is a 1-component acrylic primer on water basis and is used as tie coat with permanent protection Type: Perma-Guard (Article GE-009-01 / -009-05 to 012-01 / -012-05).

## 2. Application

Perma-Primer is used on many coated surfaces and wood, concrete, cement, clinker brick, natural stone etc. Please see our data sheets regarding the surface specification prior to the application.

## 3. Characteristics

- Excellent adhesion
- Odourless
- Suitable for many different surfaces [see surface specification]
- Useable for indoors and outdoors

## 4. Technical data

<b>Color :</b>	transparent
<b>Density :</b>	approx. 1.24 gr/cm <sup>3</sup>
<b>Application rate :</b>	The consumption depends on the porosity of the surface. approx. 0,14 L/m <sup>2</sup> . on brick and masonry surfaces approx. 0,10 L/m <sup>2</sup> . on smooth surfaces
<b>Solids content :</b>	approx. 29 vol%
<b>Drying :</b>	Dust dry after approx. 10 min Tack-free after approx. 30 min Hard-dried after approx. 45min Over coating possible after approx. 12 hours
<b>Dilution :</b>	In general not to be diluted. The surface has to be moisturized on strongly absorbent surfaces as well as in warmer weather conditions. The first layer should be diluted with 10% water.
<b>Flashpoint :</b>	>100°C
<b>VOC :</b>	< 140 g/l

## 5. Application data

### General Application

**Please note our surface specification!! Current versions are available at [www.graffiti-guard.net](http://www.graffiti-guard.net).**

Air and surface temperature has to be above 10° C during the application and drying process.


The surface has to be clean, dry, sustainable and fat free! Surface moisture has to be at max. 5 %!

No application with rain or high humidity (> 85%) and / or temperatures above 35°C.

Stir well with flat spatula prior to and during the application.

Depending on the absorption of the surface a thin layer of Perma-Primer will be applied.

Only use suitable rollers [e.g. short pile depth velour, 4-6 mm]!

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NO USE of foamed rollers for the application! Do not re-use used rollers.

Perma-Primer should be applied in a cross-coat.

Drying time at 25°C: approx. 12 hours. After this time, a coating with Perma-Guard [Article GE-009-01 / -009-05 to 012-01 / -012-05] can be done.

Coating thickness Perma-Primer:

1. Layer: Wet lamination strength of min. 80µ [Micron] = Dry lamination strength min. 40µ [Micron]  
= Total lamination strength: = Dry lamination strength min. 40 µ [Micron]

*A measuring comb for coating thickness can be ordered at [graffiti-guard.net](http://graffiti-guard.net)!*

The fresh coating should not be exposed to rain, steam and condensation [water] for 48 hours. Clean working tools with water. Do not re-use used rollers!

Note: The clear material will be milky in fluid condition. It will become clear after the drying process.

## 6. Packaging sizes

1 L / 5 L

## 7. Storage

In sealed and original packing stable for a minimum of 12 months. Store containers cool and dry and protect against frost.

## 8. Safety data

See safety data sheet

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The information and data in this technical data sheet are based on our practical experience and knowledge. Due to different practice requirements a general liability is being excluded. Own trials with regard to the suitability and application by the user are to be done. With the release of a new technical data sheet, all former versions become void.

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